

Compact Series II

systems



Self-Contained unit with 316 stainless steel self-cleaning filter and onboard ozone recirculation. Epoxy coated aluminum filter housings and stainless steel piping to prevent corrosion.

Supplies up to 65 gallons of filtered water per minute.

Filtration 25 microns absolute.

Ozone recirculation system is complete with oxygen concentrator, ozone generator, ozone injector and recirculation pump.

Ozone removes VOC's, organics, biologicals and hydrocarbons from the treatment water providing disinfection, odor and color removal. See tanking data sheet for example treatment tanks.

Specifications:

Frame and piping are 304 stainless steel

Filter Element is 316 stainless steel

Hardware is stainless steel or other non-corroding material

Filtration system

- * H: 52" W: 44" D: 34" weight 475lb (shipping weight 625 lb)
- * Input power: 208/230/480 volt, 3 phase @ 8.5 / 8 / 4.1 amp max
- * Control Power: 115 vac, 15 amp max
- * On/Off Control: Switch selectable Off/On or remote
- * Primary Pump: 3 HP pump, 60 GPM @ 50 PSI VFD Driven
- * Particulate Separator: Self-Purging Vortex Filter
- * Inlet filtration: Cleanable Basket Strainer
- * Primary Filtration: 25-micron self-cleaning filter, stainless steel element
- * Water Inlet: 2" FNPT
- * Filtered Water Outlet: 2" FNPT
- * Air Requirement: 90 PSI 3/8 min hose diameter
- * Backwash Cycle Time: 8 seconds
- * Ballast Tank: Fiberglass wound with synthetic bladder

Ozone Recirculation System (optional on all free standing series)

- * Provides 98% transfer rate of ozone to reaction tank
- * 208/230/480 volt, 3 phase @ 3.1 / 2.7 / 1.75 amp max
- * On/Off Control: selectable on/off/auto (auto uses PLC programmed on/off cycle)
- * Recirculation pump: centrifugal .75 hp, rated 30 gpm @ 30 psi
- * Ozone injection: 11 Gr/Hr fed into water via Mazzei injector (adjustable)
- * Ozone Generation: High efficiency corona discharge with 98% purity O² feed.
- * Ozonated water outlet: 1" PVC (plumb to 1 1/4" ozone line)

Options:

- * Auto Bypass
- * Ozone generator with oxygen concentrator